

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 03/01374-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: F04B 39/02, F04B 31/00, F04B 35/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: F04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/20990 A1 (EMPRESA BRASILEIRA DE COMPRESSORES SA) 14 March 2002 (14.03.02) <i>the whole document.</i>	1-4
Y	EP 1170506 A1 (AWASHIMA HIROKI) 9 January 2002 (09.01.02) <i>the whole document.</i>	1-4
A	US 2865559 A (GIGLER) 9 September 1954 (09.09.54) <i>fig. 1.</i>	2-4
A	JP 09 195938 A (GOLD STAR) 29 July 1997 (29.07.97) <i>fig. 6,7.</i>	2-4

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

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„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&amp;“ document member of the same patent family

Date of the actual completion of the international search

17 October 2003 (17.10.2003)

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4 November 2003 (04.11.2003)

Name and mailing address of the ISA/AT

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR 03/01374-0

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	A	1170506	2002-01-09	CN	T	1347478T	2002-05-01
				AU	A	3676400	2000-11-02
				JP	A	2000297753	2000-10-24
				WO	A	0063559	2000-10-26
JP	A	9195938A 2		none			
US	A	2865559	1958-12-23	none			
WO	A	220990		none			